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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/080,854

DATE: 03/11/2002
 TIME: 10:22:24

Input Set : A:\GPCI-P02-106 Sequence Listing.txt
 Output Set: N:\CRF3\03112002\J080854.raw

3 <110> APPLICANT: GYURIS, JENO
 4 MORRIS, AARON J.
 6 <120> TITLE OF INVENTION: METHODS AND REAGENTS FOR ISOLATING BIOLOGICALLY ACTIVE
 7 PEPTIDES
 9 <130> FILE REFERENCE: MIV-106.01
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/080,854
 C--> 12 <141> CURRENT FILING DATE: 2002-02-22
 14 <160> NUMBER OF SEQ ID NOS: 8
 16 <170> SOFTWARE: PatentIn Ver. 2.0
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 527
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Artificial Sequence
 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM6 M13/COS
 25 peptide expression plasmid
 27 <220> FEATURE:
 28 <221> NAME/KEY: CDS
 29 <222> LOCATION: (124..222, 226..417)
 31 <400> SEQUENCE: 1
 32 cgcattact gtgaggtagc tcactcatta ggcacccag gctttacact ttatacttcc 60
 33 ggctcgata ttgttgaa ttgtgagcgg ataacaattt ctagaaggaa acagtaagt 120
 35 atg aaa aaa tta tta ttc gca att cct tta gtt gtt cct ttc tat tct 168
 37 Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser
 38 1 5 10 15
 40 cac tcc gct gaa tta ctg aca tcc act ttg cct ttc tct cca cag ggg 216
 41 His Ser Ala Glu Leu Leu Thr Ser Thr Leu Pro Phe Ser Pro Gln Gly
 42 20 25 30
 44 gcc acc atg aaa tgc agc tgg gtt atc ttc ttc ctg atg gca gtg gtt 264
 45 Ala Thr Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val
 46 35 40 45
 48 aca ggg gtc aat tca gca cca ggc gga tgg gcg gcc gca gag caa aag 312
 49 Thr Gly Val Asn Ser Ala Pro Gly Gly Trp Ala Ala Glu Gln Lys
 50 50 55 60
 52 ctc att tct gaa gag gac ttg gca cac cat cac cat ctg cag 360
 53 Leu Ile Ser Glu Glu Asp Leu Ala His His His His His Leu Gln
 54 65 70 75
 56 cca tta tct tgg cag gta agt gct gag ggt gac gat ccc ttc acc tcg 408
 57 Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser
 58 80 85 90
 60 aaa gca agc tgataaagtc taagccgcc taatgagcgg gctttttttt 457
 61 Lys Ala Ser
 62 95

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64 tactgacatc ctcgaggcct ttctctccac agggtagat aactgaacctt gtttattgca      517
66 gattataatg                                527
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70 <211> LENGTH: 97
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM6
77 <400> SEQUENCE: 2
78 Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser His
79     1           5           10           15
81 Ser Ala Glu Leu Leu Thr Ser Thr Leu Pro Phe Ser Pro Gln Gly Ala
82     20          25           30
84 Thr Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val Thr Gly
85     35          40           45
87 Val Asn Ser Ala Pro Gly Gly Trp Ala Ala Ala Glu Gln Lys Leu Ile
88     50          55           60
90 Ser Glu Glu Asp Leu Ala His His His His His His Leu Gln Pro Leu
91     65          70           75           80
93 Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser Lys Ala
94     85          90           95
96 Ser
99 <210> SEQ ID NO: 3
100 <211> LENGTH: 488
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM7 M13/COS
106 peptide expression plasmid
108 <220> FEATURE:
109 <221> NAME/KEY: CDS
110 <222> LOCATION: (25..78, 193..378)
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113 cgcaattact ctagagccac catg aaa tgc agc tgg gtt atc ttc ttc ctg      51
114                               Lys Cys Ser Trp Val Ile Phe Phe Leu
115                               1           5
117 atg gca gtg gtt aca ggg gtc aat tca ggtaagttag tttagctact      98
118 Met Ala Val Val Thr Gly Val Asn Ser
119   10          15
121 cattaggcac cccaggctt acacttata cttccggctc gtatattgtg tgaaattgtg      158
123 agcggataac aattcacac aggaaacagc tatg aaa atc aaa ctg gcg tta      210
124                               Lys Ile Lys Leu Ala Leu
125                               20
127 ctc gcc ctg act tct ctt tct gct ctt gca ggt cca ggc gga tgg gcg      258
128 Leu Ala Leu Thr Ser Leu Ser Ala Leu Ala Gly Pro Gly Gly Trp Ala
129   25          30           35           40
131 gcc gca gag caa aag ctc att tct gaa gag gac ttg gca cac cat cac      306
132 Ala Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Ala His His His
133   45          50           55

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135	cat	cac	cat	ctg	cag	cca	tta	tct	tgg	cag	gtc	agt	gag	ggt	gac	354	
136	His	His	His	Leu	Gln	Pro	Leu	Ser	Trp	Gln	Val	Ser	Ala	Glu	Gly	Asp	
137				60					65				70				
139	gat	ccc	tcc	acc	tcg	aaa	gca	agc	tgataaaagtc	taagcccgcc	taatgagcgg					408	
140	Asp	Pro	Phe	Thr	Ser	Lys	Ala	Ser									
141				75				80									
143	gctttttttt	tactgacatc	ctcgaggcct	ttctctccac	aggggttagat	aactgaactt										468	
145	gtttattgca	gattataatg														488	
148	<210>	SEQ ID NO:	4														
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150	<212>	TYPE:	PRT														
151	<213>	ORGANISM:	Artificial Sequence														
153	<220>	FEATURE:															
154	<223>	OTHER INFORMATION:	Description of Artificial Sequence: pAM7														
156	<400>	SEQUENCE:	4														
157	Lys	Cys	Ser	Trp	Val	Ile	Phe	Phe	Leu	Met	Ala	Val	Val	Thr	Gly	Val	
158	1				5					10				15			
160	Asn	Ser	Lys	Ile	Lys	Leu	Ala	Leu	Leu	Ala	Leu	Thr	Ser	Leu	Ser	Ala	
161					20				25				30				
163	Leu	Ala	Gly	Pro	Gly	Gly	Trp	Ala	Ala	Ala	Glu	Gln	Lys	Leu	Ile	Ser	
164				35				40				45					
166	Glu	Glu	Asp	Leu	Ala	His	His	His	His	His	Leu	Gln	Pro	Leu	Ser		
167				50				55			60						
169	Trp	Gln	Val	Ser	Ala	Glu	Gly	Asp	Asp	Pro	Phe	Thr	Ser	Lys	Ala	Ser	
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173	<210>	SEQ ID NO:	5														
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175	<212>	TYPE:	DNA														
176	<213>	ORGANISM:	Artificial Sequence														
178	<220>	FEATURE:															
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180	peptide expression plasmid																
182	<220>	FEATURE:															
183	<221>	NAME/KEY:	CDS														
184	<222>	LOCATION:	(121)..(324)														
186	<400>	SEQUENCE:	5														
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189	ggctcgata	tttgttgaa	ttgtgagcgg	ataacaattt	ctagaaggaa	agccaccatg	120										
191	tct	atc	caa	cac	tcc	cgt	gtt	gca	tta	atc	cct	ttc	ttt	gca	gcg	ttc	168
192	Ser	Ile	Gln	His	Phe	Arg	Val	Ala	Leu	Ile	Pro	Phe	Phe	Ala	Ala	Phe	
193	1			5					10				15				
195	tgt	tta	cct	gtt	tcc	gca	ggt	cca	ggc	gga	tgg	gcg	gcc	gca	gag	caa	216
196	Cys	Leu	Pro	Val	Phe	Ala	Gly	Pro	Gly	Gly	Trp	Ala	Ala	Glu	Gln		
197				20				25				30					
199	aag	ctc	att	tct	gaa	gag	gac	ttg	gca	cac	cat	cac	cat	cac	cat	ctg	264
200	Lys	Leu	Ile	Ser	Glu	Glu	Asp	Leu	Ala	His	His	His	His	His	His	Leu	
201				35			40				45						
203	cag	cca	tta	tct	tgg	cag	gtt	agt	gct	gag	ggt	gac	gat	ccc	tcc	acc	312
204	Gln	Pro	Leu	Ser	Trp	Gln	Val	Ser	Ala	Glu	Gly	Asp	Asp	Pro	Phe	Thr	

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205 50 55 60
207 tcg aaa gca agc tgataaagtc taagccgc taatgagcgg gctttttt 364
208 Ser Lys Ala Ser
209 65
211 tactgacatc ctcgaggcct ttctctccac aggggttagat aactgaactt gtttattgca 424
213 ga 426
216 <210> SEQ ID NO: 6
217 <211> LENGTH: 68
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: pAM8
224 <400> SEQUENCE: 6
225 Ser Ile Gln His Phe Arg Val Ala Leu Ile Pro Phe Phe Ala Ala Phe
226 1 5 10 15
228 Cys Leu Pro Val Phe Ala Gly Pro Gly Gly Trp Ala Ala Ala Glu Gln
229 20 25 30
231 Lys Leu Ile Ser Glu Glu Asp Leu Ala His His His His His His Leu
232 35 40 45
234 Gln Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr
235 50 55 60
237 Ser Lys Ala Ser
238 65
241 <210> SEQ ID NO: 7
242 <211> LENGTH: 19
243 <212> TYPE: PRT
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: Thrombospondin
248 derived peptide
250 <400> SEQUENCE: 7
251 Ser Pro Trp Ser Ser Ala Ser Val Thr Cys Gly Asp Gly Val Ile Thr
252 1 5 10 15
254 Arg Ile Arg
258 <210> SEQ ID NO: 8
259 <211> LENGTH: 9
260 <212> TYPE: PRT
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: RGD motif
266 <400> SEQUENCE: 8
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268 1 5

VERIFICATION SUMMARY

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Input Set : A:\GPCI-P02-106 Sequence Listing.txt
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date